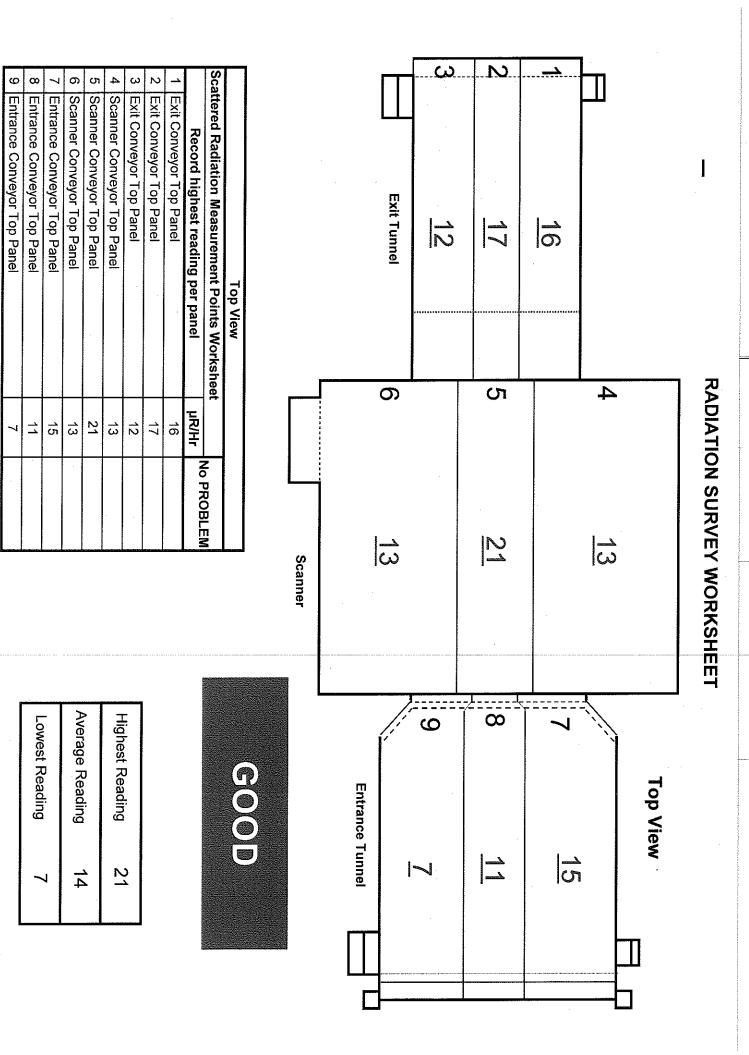
## RADIATION SURVEY WORKSHEET eXaminer Radiation Survey Information

	GVall	examiliei Radiation Survey mio	vey information		
Airport	Palm Beach International Airport	Scanner Location: <i>E</i>	Baggage Handeling Room	<b>Room</b> Case#:	PBI-C325614
Perso				Date Survey Performed	ed: 10/5/2010
	Scanner Serial Number: 6325 E	<b>Entrance Tunnel Serial Number:</b>	Number: 2262A	Exit Tunnel Serial Number:	Number: 2262B
	High Reading: Average Reading: Min. Reading: H	High Reading: Average	Average Reading: Min. Reading:	High Reading: Averag	Average Reading: Min. Reading:
	26 12.95 5	98 22	22.95 7		23.38 6
	Good	Good	<b>.</b> 00	0	Good
Rac	Radiation Weter:   Type Meter:   451P  Me	Meter Serial Number:	263	Calibration Due Date:	October 22, 2010
0 Z					
T					
SE					
	Complete Radiation Survey (CRS)		Record Voltage	ord Voltage and Bean Current here:	re:
Rena	Rename this Document before starting the Survey to:	to: Voltage:	<u>164</u> KV	✓ Beam Current:	ıt: <u>9.8</u> mA
	PBI-CRS-50CT2010-6325	Maximum Safe Readings	Readings Scanner	350 Tunnels 3	350 Curtains 350
Step:	Procedure			Expected results	
<b></b>	set up: Obtain Inovision ion Chamber Survey Meter and in an area away from the scanners, turn on the meter by pressing the On-Off key. Wait approx. 4 minutes	an area away from the ait approx. 4 minutes	The GUI will be visible and will indicate Standby. After the radiation meter initialization procedure is complete the meter will be reading less than 20	rill be visible and will indicate Standby. After the radiation mete n procedure is complete the meter will be reading less than 20	After the radiation meter be reading less than 20
2.	The scanner will be in Standby. Change the conveyor switch on the scanner to	h on the scanner to	Both conveyors should be stopped	eyors should be stopped.	
ယ	On the GUI dropdown screen, select diagnostic, followed by Radiation Survey A	V Radiation Survey. A	A window indicating "Rad	indicating "Radiation Survey" will appear	
	radiation survey window will appear. Click "Turn On" button to turn x-rays on. Turn	to turn x-rays on. Turn			:
	on x-rays prompt will say "Place survey bag on belt". Place IQTK bag on Entry Conveyor Belt.	IQTK bag on Entry			
4.	When "Bag in survey position" appears, go to the FCC monitor and select "2" then <enter>, verify and record the voltage and current in the displayed on the FCC</enter>	itor and select "2" then played on the FCC	The high voltage is between 144KV and 176KV. The current is between 8.8mA and 10.6mA and the scanner X-ray indicator lights are on	oltage is between 144KV and 176KV. The current is be 10.6mA and the scanner X-ray indicator lights are on	he current is between tor lights are on
_	screen in the planks provided above.				
5.	Survey one of the areas indicated by the boxes in Appendix A2. Record the highest As the survey is conducted, the radiation meter indicates the degree of reading within the area. Repeat the process until all areas are surveyed and	A2. Record the highest ire surveyed and	t As the survey is conducte radiation emission.	d, the radiation meter in	dicates the degree of
-	readings are recorded.				
	Review all radiation data sheets for high readings.		Readings shall not exceed 350 uR/hr in any box.	d 350 uR/hr in any box.	
7.	After radiation survey is complete, click on "Start Conveyor" button on the GUI. Click the "Turn Off" button to turn off x-rays. Next click "Done". The IQTK bag will	button on the GUI.	IQTK bag is ejected and	is ejected and scanner reboots.	
	eject from exit tunnel. EDAC will reboot.	-			
7.	Visually inspect the entrance and exit of the system for X-ray caution hazard signs	y caution hazard signs.	X-ray hazard signs reading "Do not insert any part of the body when system is energized" are posted at entrance and exit of system.	g "Do not insert any part at entrance and exit of sv	t of the body when syster vstem.
9.	Fill out the eXaminer radiation sticker and adhere to to the frame of the eXaminer under door #5 on the left side of the scanner.	rame of the eXaminer	Readings shall not excee	shall not exceed 350 uR/hr in any box.	



13 Entrance Conveyor Panel14 Entrance Conveyor Panel

10 Middle Scanner Panel

11 Lower Scanner Panel

2

Entrance Conveyor / Scanner Panel

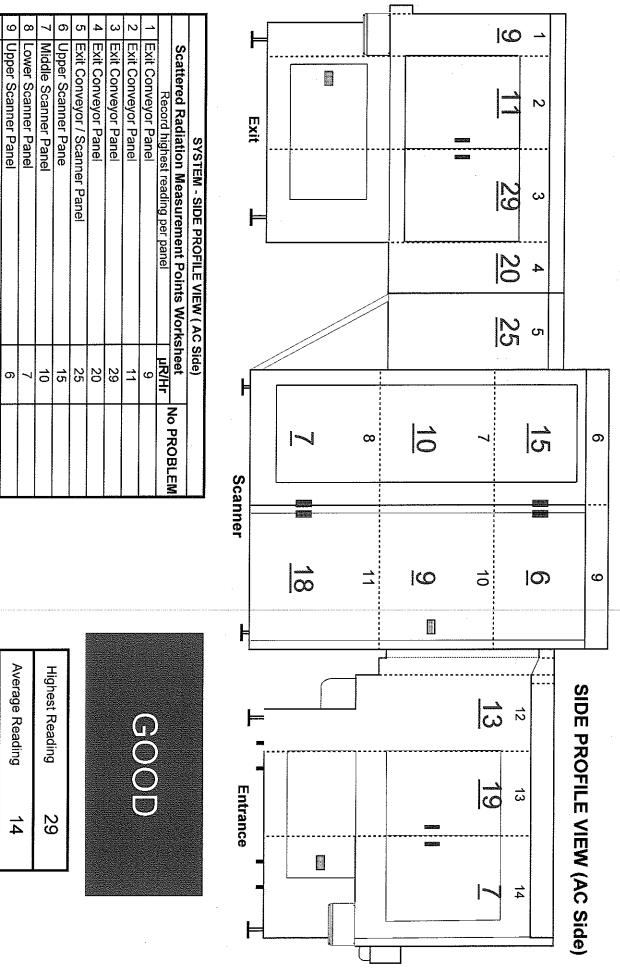
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Low Reading

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## RADIATION SURVEY WORKSHEET



## RADIATION SURVEY WORKSHEET

